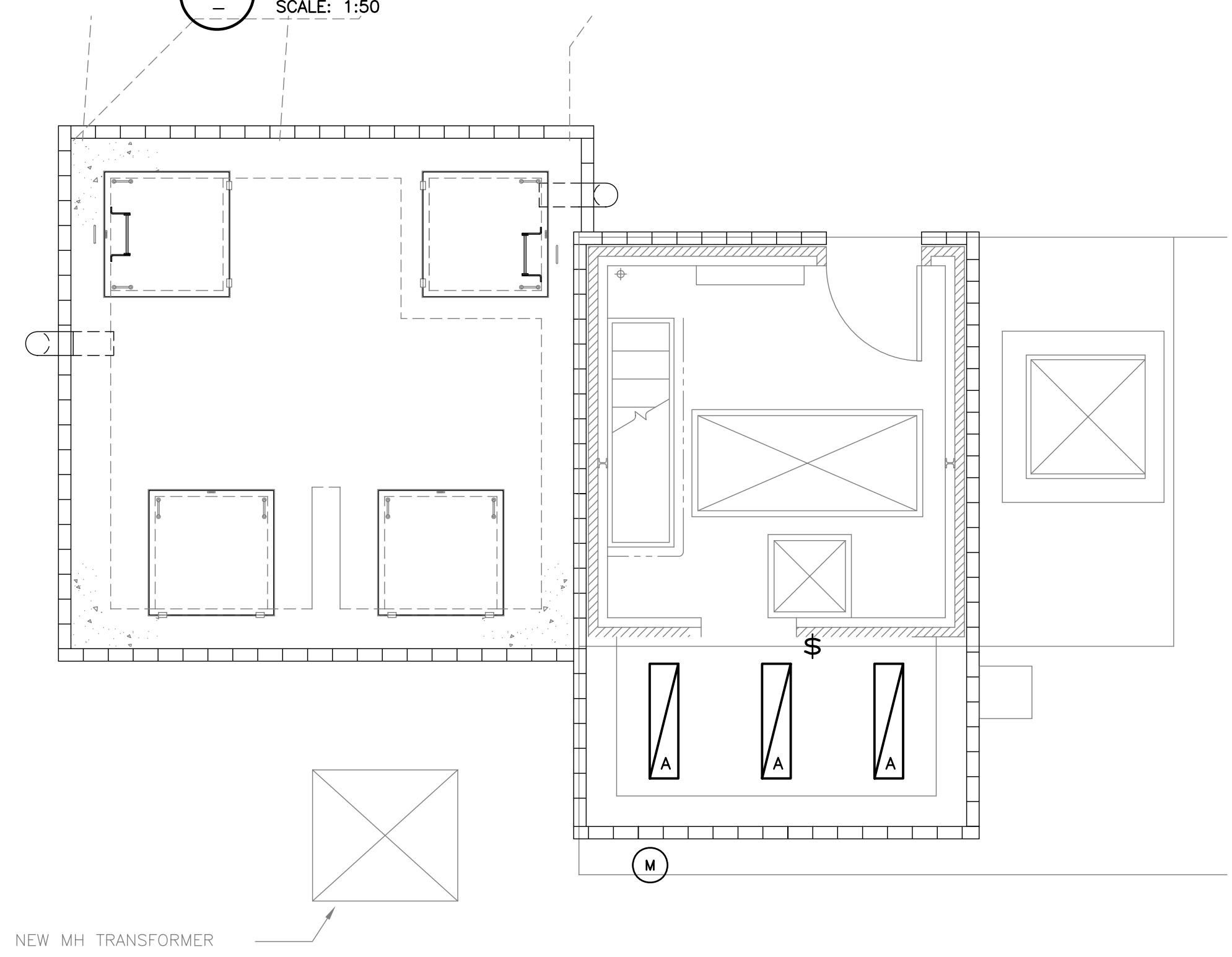


- NOTES:**
- FF-1 CEILING/SURFACE MOUNTED FORCE FLOW HEATER SUPPLIED RATED AT 2250W. THE HEATER COMPLETE WITH INTEGRAL THERMOSTAT SET TO MAINTAIN 15 DEGREES CELCIUS IN THE ROOM.
 - LOCATION OF JB-3 RECEPTACLE SWITCH.

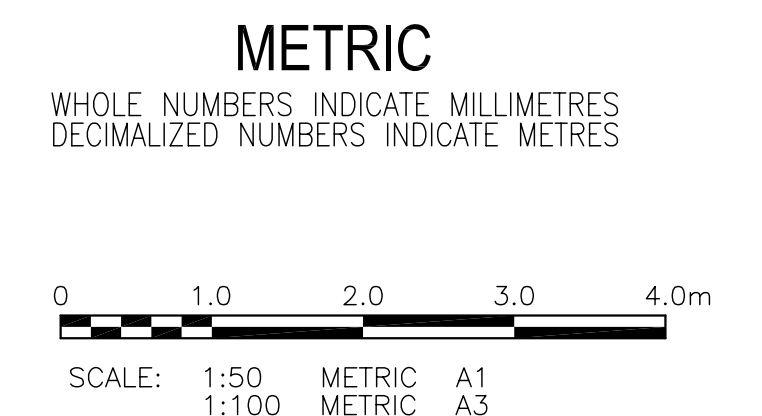
1 PUMP STATION POWER PLAN
SCALE: 1:50



LUMINAIRE SCHEDULE				
TYPE	DESCRIPTION	VOLTAGE	LAMPS	APPROVED MANUFACTURERS
A	CHAIN SUSPENDED FLUORESCENT INDUSTRIAL LUMINAIRE c/w SLOTTED REFLECTOR AND ELECTRONIC BALLAST.	120V	2-32W T8 4100°K	LITHONIA LIGHTING: RIU 2 32 120 GEB10RS CSA

AS-CONSTRUCTED
WATER & WASTE DEPARTMENT
PROJECT COMPLETION DATE : 20/07/06

SUPPLY: 120/208V 3Ø 4W MAINS AMPACITY: 100A INCOMING: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS MAIN BREAKER REQUIRED: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO MAIN BREAKER AMPS: 60A BUS MATERIAL: <input checked="" type="checkbox"/> COPPER <input type="checkbox"/> ALUMINUM BUS AND BREAKER RATING: 10 kA (SYM.) I.C.		NAME PLATE: PANEL 'A'	LOCATION: - MOUNTING: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH MANUFACTURER: - MODEL NO: - BREAKER: <input type="checkbox"/> PLUG-IN <input checked="" type="checkbox"/> BOLT-ON BREAKER TYPE: -							
CCT	VA	P	BKR	A	B	C	BKR	P	VA	CCT
1	RECEPTACLE	(2)	-	1	15	+	15	1	300	2
3	LIGHTING	-	1	15	+	15	1	-	-	4
5	HEATER FOR RVS-1	-	1	15	+	15	1	-	-	6
7	HEATER FOR RVS-2	-	1	15	+	15	1	-	-	8
9	FF-1 (NOTE 5)	-	2	15	+	15	1	-	-	10
11	SPACE	-	-	-	-	-	-	-	-	12
13	JB-3 RECEPTACLE	-	2	20	+	20	1	-	-	14
15	SPACE	-	-	-	-	-	-	-	-	16
17	SPACE	-	-	-	-	-	-	-	-	18
19	SPACE	-	1	-	+	15	1	-	-	20
21	SPACE	-	1	15	+	15	1	-	-	22
23	SPACE	-	1	15	+	15	1	-	-	24



2 PUMP STATION LIGHTING PLAN
SCALE: 1:50

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. XX-XXX ELEV. XXX.XXX					
1	ISSUED AS-CONSTRUCTED	02/02/07	AP		
0	ISSUED FOR CONSTRUCTION	07/12/05	AP		
NO.	REVISIONS	DATE	BY	DATE	08/11/05

KGS GROUP CONSULTING ENGINEERS & PROJECT MANAGERS
WINNIPEG (204) 896-1209
THUNDER BAY (807) 345-2233

DESIGNED BY: AP
DRAWN BY: GCN
HOR. SCALE: AS NOTED
VERTICAL:

CHECKED BY: REW
APPROVED BY:

RELEASED FOR CONSTRUCTION:

ENGINEER'S SEAL

ORIGINAL DRAWING SIGNED BY
A. PAWLKIEWICH
10/04/07

CONSULTANT DRAWING NO.

THE CITY OF WINNIPEG
WATER & WASTE DEPARTMENT

HAWTHORNE FLOOD PUMPING STATION UPGRADE
ELECTRICAL POWER AND LIGHTING

SHEET 23 OF 24
CAD FILE DRAWING NUMBER
CITY DRAWING NUMBER
LD-3260

APEGM
Certificate of Authorization
KGS Group
No. 245 Expiry: April 30, 2007